

In re Application of DeMott et al.
Application No. 10/617,923

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A layered textile composite having a pile, the composite comprising:
 - (a) a nonwoven needled layer, said nonwoven needled layer being comprised of mechanically interlocked staple fibers, said nonwoven needled layer having a first pile-containing side and a second side opposite said first side;
 - (b) a binder material applied to said second side of said nonwoven needled layer, said binder material comprising an acrylic latex binder,
 - (c) an adhesive ~~web~~ layer adjacent said second side of said nonwoven needled layer; and
 - [[(c)]] (d) a polymeric film layer adjacent said adhesive ~~web~~ layer.
2. (Original) The textile composite of claim 1 wherein said staple fibers are comprised of at least some fibers selected from the group of fibers consisting of: polyester, polypropylene, nylon, polyethylene, polyamides, high density polyethylene, linear low density polyethylene, polytetrafluoroethylene (PTFE), aramids, rayon, acetates, acrylics, olefins, polyethylene terephthalate (PET), isophthalate modified PET, glycol modified PET, and polylactic acid (PLA).
3. (Currently Amended) The textile composite of claim 1 wherein said fibers comprise polyester fibers.
4. (Currently Amended) The textile composite of claim 1 wherein said fibers comprise polypropylene fibers.
5. (Currently Amended) The textile composite of claim 1 wherein said fibers comprise ~~at least~~ a blend of polyester and polypropylene fibers.
6. (Currently Amended) The textile composite of claim 1 in which the weight of the nonwoven needled layer is between about 5 and about 20 ounces per square yard.
7. (Canceled)

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8. (Currently Amended) The textile composite of claim ~~[[7]]~~ 1 wherein the nonwoven needled layer further comprises a second binder material, and said second binder material comprises a low melt polyethylene fiber or a bicomponent polyester fiber.

9. (Canceled)

10. (Currently Amended) The textile ~~material~~ composite of claim ~~[[7]]~~ 1 wherein said binder material ~~additionally~~ further comprises a flame retardant composition.

11. (Currently Amended) The textile ~~material~~ composite of claim 10 wherein said flame retardant material is provided in said nonwoven needled textile at a concentration of between about 1 and about 12 ounces per square yard.

12. (Currently Amended) The textile ~~material~~ composite of claim 1 in which said fibers contain a flame retardant material.

13. (Currently Amended) The textile ~~material~~ composite of claim 12 wherein said flame retardant material comprises a bromine-containing composition.

14. (Currently Amended) The textile ~~material~~ composite of claim 12 wherein said flame retardant material comprises a phosphorous-containing composition.

15. (Currently Amended) The textile ~~material~~ composite of claim 1 wherein said adhesive comprises a polyester adhesive.

16. (Currently Amended) The textile ~~material~~ composite of claim 1 wherein said polymeric film comprises a polyurethane film.

17. (Currently Amended) The textile ~~material~~ composite of claim 16 wherein said polyurethane film comprises an aromatic polyether.

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18. (Currently Amended) The textile material composite of claim 16 wherein said polyurethane film ~~is of~~ has a thickness of ~~less than~~ about 5 mils or less.

19. (Currently Amended) The textile material composite of claim 1 wherein said adhesive web layer comprises a ~~heat-activated~~ heat-activated, polyester adhesive.

20. (Currently Amended) The textile material composite of claim 1 ~~additionally comprising wherein said composite further comprises~~ a fluorochemical coating upon said first side of said nonwoven needled layer.

21. (Canceled)

22. (Canceled)

23. (Currently Amended) The textile composite of claim 1 wherein said polymeric film layer comprises a halogenated aromatic polyether.

24. (Canceled)

25. (Canceled)

26. (Currently Amended) The textile composite of claim 15 wherein said polyester adhesive ~~provides~~ exhibits a melting point of ~~greater than~~ about 200 degrees Fahrenheit or greater.

27. (Currently Amended) A textile comprising:

(a) a nonwoven needled layer, said nonwoven needled layer being comprised of polymeric fibers, said polymeric fibers being selected from the group of fibers consisting ~~[[of:]]~~ of polyester fibers, and polypropylene fibers, and mixtures thereof, at least a portion of said polymeric fibers comprising a flame retardant material, said nonwoven needled layer having a first pile-containing side and a second side opposite said first pile-containing side;

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(b) an adhesive layer applied to said second side of said nonwoven needled layer; and

(c) a polyurethane film layer bonded to said nonwoven needled layer, said polyurethane film layer comprising an aromatic polyether.

28. (Original) The textile of claim 27 wherein said polyurethane film layer comprises a halogenated aromatic polyether.

29. (Original) The textile of claim 27 wherein said nonwoven needled layer is coated on its pile-containing side with a fluorochemical.

30. (Original) The textile of claim 27 wherein said adhesive layer comprises a polyester adhesive.

31. (Currently Amended) The textile of claim 30 wherein said polyester adhesive ~~provides~~ exhibits a melting point of greater than about 200 degrees Fahrenheit or greater.

32. (Currently Amended) A textile comprising:

(a) a nonwoven needled layer, said nonwoven needled layer being comprised of fibers, said nonwoven needled layer having a first pile-containing side and a second side opposite said first pile-containing side;

(b) a binder material applied to said second side of said nonwoven needled layer, said binder material comprising an acrylic latex binder,

(c) a polyester-based adhesive layer applied to adjacent said second side of said nonwoven needled layer; and

[[(c)]] (d) a flame retardant polyurethane-based film layer bonded by said adhesive layer to said nonwoven needled layer, said polyurethane-based film layer comprising an aromatic polyether.

33. (Currently Amended) The textile of claim 32 wherein said nonwoven needled layer ~~additionally~~ further comprises a fluorochemical coating upon said first pile-containing side.

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34. (Original) The textile of claim 33 wherein said fluorochemical coating comprises a fluorine-containing hydrocarbon which is adapted for repelling moisture and release of stains from said pile-containing side of said nonwoven needled layer.

35. (Currently Amended) A layered textile composite, the composite comprising:

(a) a nonwoven needled layer, said nonwoven needled layer being comprised of fibers, said nonwoven needled layer having a first side with a flat felt texture, and a second side;

(b) a binder material applied only to said second side of said nonwoven needled layer, said binder material comprising an acrylic latex binder,

(c) an adhesive web layer adjacent said second side of said nonwoven needled layer; and

[[[c)]] (d) a polymeric film layer bonded to said adhesive web layer.

36. (Currently Amended) The textile composite of claim 35 wherein said fibers are ~~comprised of a fiber~~ selected from the group of fibers consisting ~~[[of:]] of~~ polyester fibers, and polypropylene fibers, and mixtures thereof.

37. (Original) The textile composite of claim 35 wherein said fibers comprise polyester fibers.

38. (Original) The textile composite of claim 35 wherein said fibers comprise polypropylene fibers.

39. (Original) The textile composite of claim 35 wherein said fibers comprise a blend of polyester and polypropylene fibers.

40. (Original) The textile composite of claim 35 in which the weight of the nonwoven needled layer is between about 5 and about 20 ounces per square yard.

41. (Canceled)

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42. (Currently Amended) The textile composite of claim [[41]] 35 wherein the nonwoven needled layer further comprises a second binder material, and said second binder material comprises a low melt polyethylene fiber.

43. (Canceled)

44. (Currently Amended) The textile composite of claim [[41]] 35 wherein said binder material ~~additionally~~ further comprises a flame retardant composition.

45. (Original) The textile composite of claim 44 wherein said flame retardant composition is provided in said nonwoven needled textile at a concentration of between about 1 and about 12 ounces per square yard.

46. (Original) The textile composite of claim 35 in which said synthetic fibers contain a flame retardant material.

47. (Original) The textile composite of claim 46 wherein said flame retardant material comprises a bromine-containing composition.

48. (Original) The textile composite of claim 46 wherein said flame retardant material comprises a phosphorous-containing composition.

49. (Currently Amended) The textile composite of claim 35 wherein said adhesive web layer comprises a polyester adhesive.

50. (Previously Presented) The textile composite of claim 35 wherein said polymeric film comprises a polyurethane film.

51. (Original) The textile composite of claim 50 wherein said polyurethane film comprises an aromatic polyether.